

Set	Items	Description
S1	357285	TELEVIS? OR TV OR CATV OR TELECAST? OR (VIDEO? OR MULTIMEDIA?) (N) (PROGRAM? OR BROADCAST? OR RECEIVER?) OR SET()TOP()BOX?
S2	11307517	ASSIGN? OR LINK? OR REASSIGN? OR RELAT? OR ASSOCIAT?
S3	51600	SUBJECT?(N) (INDEX? OR ACCESS?) OR KEYWORD? OR KEYTERM? OR - KEYPHRASE? OR KEY() (WORD? OR TERM? OR PHRASE?)
S4	4299097	CHANNEL? OR NUMBER? OR REMOTE()CONTROL() (KEY OR KEYS OR KEYPAD? OR BUTTON?)
S5	1	S1 AND S2(5N)S3(5N)S4
S6	17	S1 AND S2 AND S3 AND S4
S7	17	S5 OR S6
S8	14	RD (unique items)
S9	9	S8 NOT PY>2000
File	8: Ei Compendex(R) 1970-2004/May W5	(c) 2004 Elsevier Eng. Info. Inc.
File	35: Dissertation Abs Online 1861-2004/May	(c) 2004 ProQuest Info&Learning
File	65: Inside Conferences 1993-2004/Jun W1	(c) 2004 BLDSC all rts. reserv.
File	2: INSPEC 1969-2004/May W5	(c) 2004 Institution of Electrical Engineers
File	94: JICST-EPlus 1985-2004/May W3	(c) 2004 Japan Science and Tech Corp(JST)
File	111: TGG Natl. Newspaper Index(SM) 1979-2004/Jun 08	(c) 2004 The Gale Group
File	233: Internet & Personal Comp. Abs. 1981-2003/Sep	(c) 2003 EBSCO Pub.
File	6: NTIS 1964-2004/Jun W1	(c) 2004 NTIS, Intl Cpyrght All Rights Res
File	144: Pascal 1973-2004/May W5	(c) 2004 INIST/CNRS
File	34: SciSearch(R) Cited Ref Sci 1990-2004/May W5	(c) 2004 Inst for Sci Info
File	99: Wilson Appl. Sci & Tech Abs 1983-2004/Apr	(c) 2004 The HW Wilson Co.
File	95: TEME-Technology & Management 1989-2004/May W4	(c) 2004 FIZ TECHNIK

9/5/2 (Item 2 from file 2)
DIALOG(R)File 2:INSPEC
(c) 2004 Institution of Electrical Engineers. All rts. reserv.

5295134 INSPEC Abstract Number: B9607-6140C-572, C9607-5260B-439

Title: A proposal of the synchronization method between drama image, sound and scenario document using DP matching

Author(s): Yaginuma, Y.; Sakauchi, M.

Author Affiliation: Inst. of Ind. Sci., Tokyo Univ., Japan

Journal: Transactions of the Institute of Electronics, Information and Communication Engineers D-II vol.J79D-II, no.5 p.747-55

Publisher: Inst. Electron. Inf. & Commun. Eng,

Publication Date: May 1996 Country of Publication: Japan

CODEN: DTGDE7 ISSN: 0915-1923

SICI: 0915-1923(199605)J79DII:5L.747:PSMB;1-3

Material Identity Number: M973-96007

Language: Japanese Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: Automatic content recognition and **keyword** extraction from video images is generally a difficult task, if we try it with only one video media. However, in some cases, we can utilize another **related** additional media. For example, a **TV** drama consists of not only video, but also sound and scenario document. In such cases, a much higher level of recognition and **keyword** extraction can be realized by integrating analysis of these multiple media. A synchronization method of **relating** multiple media using DP matching is proposed, and based on the results of synchronization between video, sound and scenario document, effective methods for the semantic decomposition, retrieval and higher level analysis of **TV** drama video are also discussed. The results of the experiments using several **numbers** of a **TV** drama reveal the effectiveness of the proposed method. (17 Refs)

Subfile: B C

Descriptors: entertainment; feature extraction; interactive video; multimedia computing; synchronisation; video recording; visual databases

Identifiers: synchronization method; drama image; scenario document; DP matching; automatic content recognition; **keyword** extraction; video images; video media; multimedia; multiple media; semantic decomposition; higher level analysis; **TV** drama video

Class Codes: B6140C (Optical information, image and video signal processing); B6430H (Video recording); C5260B (Computer vision and image processing techniques); C6130M (Multimedia); C6160S (Spatial and pictorial databases)

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9/5/3 (Item 1 from file 94)
DIALOG(R)File 94:JICST-EPlus
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02316409 JICST ACCESSION NUMBER: 95A0348551 FILE SEGMENT: JICST-E
**Special Edition Image Processing in the Multimedia Age. Basic Functions
Multimedia Information Broadcasting Service.**

SENOO HIROSHI (1); KAI KENJIRO (1); ISOBE TADASHI (1)

(1) Jpn. Broadcast. Corp. Sci. and Tech. Res. Lab.

Terebijon Gakkaishi(Journal of the Institute of Television Engineers of
Japan), 1995, VOL.49,NO.3, PAGE.336-343, FIG.5, TBL.5, REF.10

JOURNAL NUMBER: F0330ABG ISSN NO: 0386-6831

UNIVERSAL DECIMAL CLASSIFICATION: 621.397+654.197

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Original paper

MEDIA TYPE: Printed Publication

ABSTRACT: The basic functions of the new multimedia information
broadcasting service, which interactively displays multimedia
information, are studied. The system allows retrieval and viewing of
the latest information such as news and weather anytime. Information
can be decoded and displayed on various receiving display units
including HDTV, personal computer, and PDA. Program data will be
constructed by combining layout structure, logical structure and link
structure to allow interactive viewing of detailed information and
related items. Index data will be broadcast to provide user-friendly
service. The index data will include a program table, **keyword** table,
as well as category, **keywords** for each information. A technique to
automatically create index data is also studied. Based on the study of
basic functions, an experimental system to broadcast through a
satellite broadcasting data **channel** has been developed and its
effects have been verified. The system is also promising as a future
ISDB information service. (author abst.)

DESCRIPTORS: multi-media; duplex communication; **television** broadcast;
information service; satellite broadcast; information retrieval; data
storage

BROADER DESCRIPTORS: information media; communication system; method;
broadcast; telecommunication; service; retrieval; information storage;
storage and accumulation

CLASSIFICATION CODE(S): ND12031N

Set	Items	Description
S1	373487	TELEVIS? OR TV OR CATV OR TELECAST? OR (VIDEO? OR MULTIMEDIA?) (N) (PROGRAM? OR BROADCAST? OR RECEIVER?) OR SET()TOP()BOX?
S2	2118088	ASSIGN? OR LINK? OR REASSIGN? OR RELAT? OR ASSOCIAT?
S3	557961	SUBJECT? OR KEYWORD? OR KEYTERM? OR KEYPHRASE? OR KEY() (WORD? OR TERM? OR PHRASE?)
S4	1969262	CHANNEL? OR NUMBER? OR REMOTE()CONTROL() (KEY OR KEYS OR KEYPAD? OR BUTTON?)
S5	292	S1 AND S2 AND S3 AND S4
S6	3601	S2(2N)S3
S7	2656	S3(3N)S4
S8	39	S5 AND (S6 OR S7)
S9	10	S8 AND IC=(G06F? OR H04L?)
S10	10	IDPAT (sorted in duplicate/non-duplicate order)
S11	9	IDPAT (primary/non-duplicate records only)
S12	43301	S4(2N) (RENUMBER? OR REASSIGN? OR SWITCH? OR MODIFY? OR CHANGE? OR ALTER?)
S13	775	S3 AND S12
S14	65	S13 AND (S1 OR BROADCAST?)
S15	65	S14 NOT S9
S16	5	S15 AND IC=(G06F? OR H04L?)
S17	60	S15 NOT S16
S18	57	S17 NOT AD>20000531
S19	8594	S1(5N)S4
S20	9	S18 AND S19

File 347:JAPIO Nov 1976-2004/Jan(Updated 040506)
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File 350:Derwent WPIX 1963-2004/UD,UM &UP=200435
(c) 2004 Thomson Derwent

20/5/3 (Item 3 from file 347)
DIALOG(R) File 347: JAPIO
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03230795 **Image available**
INTERPHONE DEVICE

PUB. NO.: 02-206295 [JP 2206295 A]
PUBLISHED: August 16, 1990 (19900816)
INVENTOR(s): FUKUDA KINYA
APPLICANT(s): FUJITSU GENERAL LTD [000661] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 01-025428 [JP 8925428]
FILED: February 03, 1989 (19890203)
INTL CLASS: [5] H04N-007/18; H04M-009/00
JAPIO CLASS: 44.6 (COMMUNICATION -- **Television**); 44.4 (COMMUNICATION -- Telephone)
JOURNAL: Section: E, Section No. 996, Vol. 14, No. 496, Pg. 124, October 29, 1990 (19901029)

ABSTRACT

PURPOSE: To eliminate the signal line of a push button by converting a signal from the push button of an interphone device into a high frequency signal in a UHF band, mixing it to the antenna line of a **television**, and transmitting it.

CONSTITUTION: When the push button of a bell of an interphone device is operated, a push button switch is operated, and the signal is impressed on a code signal generating part 7 and an oscillating part 8. The code signal generating part 7 generates the set code signal which identifies the interphone device. The oscillating part 8 oscillates the necessary high frequency signal in the UHF band of a **television broadcast**, a converting part 9 converts it by a code signal from the code signal generating part 7, executes a processing such as amplification as needed, and a mixing part 2 mixes the signal with the other **TV** signal. Further a receiving part 10 selectively receives the high frequency signal in the UHF band of the oscillating part 8, when it receives the normal code signal, it outputs a control signal to a channel control signal generating part 12, a **television** picture receiver 3 automatically **switches** a **channel** to the indicated idle **channel**, the **TV** camera of the interphone device picks up a **subject**, and a video is displayed.

20/5/6 (Item 1 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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013092079 **Image available**
WPI Acc No: 2000-263951/200023
XRPX Acc No: N00-197448

TV program related teletext program selection apparatus for multiplexed
broadcasting system performs regeneration display simultaneously by
selection display of teletext program of specific channel range

Patent Assignee: TOSHIBA KK (TOKE)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000069384	A	20000303	JP 98237474	A	1998082	200023 B

Priority Applications (No Type Date): JP 98237474 A 19980824

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000069384	A		6	H04N-005/44	

Abstract (Basic): JP 2000069384 A

NOVELTY - The character data of each head line data of teletext information is compared with the extracted **keyword**, to obtain the program number of teletext program with same **keyword** from **TV** signal of different **channels**. When performing **channel modification** by main tuner, regeneration display is simultaneously performed by selection display of teletext program of specific channel range.

DETAILED DESCRIPTION - A program genre detection unit (15) separates teletext information multiplexed with **TV** signal, to extract **keyword** from head line data of teletext program relevant to **broadcast** program.

USE - For multiplexed **broadcasting** system.

ADVANTAGE - Enables to chose teletext program relevant to **TV** program, effectively. DESCRIPTION OF DRAWING(S) - The figure shows block diagram of **TV** program related teletext program selection apparatus. (15) Program genre detection unit.

Dwg.1/3

Title Terms: **TELEVISION** ; PROGRAM; RELATED; TELETEXT; PROGRAM; SELECT; APPARATUS; MULTIPLEX; **BROADCAST** ; SYSTEM; PERFORMANCE; REGENERATE; DISPLAY; SIMULTANEOUS; SELECT; DISPLAY; TELETEXT; PROGRAM; SPECIFIC; CHANNEL; RANGE

Derwent Class: W03

International Patent Class (Main): H04N-005/44

International Patent Class (Additional): H04N-005/445

File Segment: EPI

23/5/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
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07118449 **Image available**
RECEPTION CONTROLLER, MEDIUM AND INFORMATION AGGREGATE

PUB. NO.: 2001-346117 [JP 2001346117 A]
PUBLISHED: December 14, 2001 (20011214)
INVENTOR(s): MATSUMURA KOICHI
SAGA MASAKI
WATABIKI TOMOAKI
TAKECHI HIDEAKI
MAEKAWA HAJIME
KATO HISANORI
YAMAMOTO MUTSUKO
IKEZAKI MASAO
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD
APPL. NO.: 2000-163811 [JP 2000163811]
FILED: May 31, 2000 (20000531)
INTL CLASS: H04N-005/445; H04N-005/765; H04N-007/025; H04N-007/03;
H04N-007/035; H04N-007/173

ABSTRACT

PROBLEM TO BE SOLVED: To solve a problem entailing high cost when a program in matching with the preference of each user is broadcast by using a **channel** exclusive to each user.

SOLUTION: The reception controller is provided with a **keyword** entry section 102 that enters a **keyword**, a retrieval section 103 that acquires program information of a program **relating** to the **keyword** on the basis of the entered **keyword**, a program information storage section 104 that stores the acquired program information in cross-reference with a **channel number** of a remote controller, and a **video receiver** control section 106 that controls a **video receiver**. When a user selects a **channel number** of the remote controller, the control section 106 acquires a broadcast **channel number** of a program that is broadcast at present from the program information **related** to the selected **channel number** of the remote controller and informs the **video receiver** about the broadcast **channel number**.

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23/5/6 (Item 6 from file: 347)
DIALOG(R)File 347:JAPIO
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05881371 **Image available**
INTELLIGENT VIDEO RECORDING AND REPRODUCING DEVICE

PUB. NO.: 10-164471 [JP 10164471 A]
PUBLISHED: June 19, 1998 (19980619)
INVENTOR(s): TANIGUCHI KATSUMI
MIYATAKE TAKAFUMI
NAGASAKA AKIO
FUJITA TAKEHIRO
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 08-315909 [JP 96315909]
FILED: November 27, 1996 (19961127)
INTL CLASS: [6] H04N-005/765
JAPIO CLASS: 44.6 (COMMUNICATION -- **Television**)
JAPIO KEYWORD: R011 (LIQUID CRYSTALS); R101 (APPLIED ELECTRONICS -- Video
Tape Recorders, VTR); R107 (INFORMATION PROCESSING -- OCR &
OMR Optical Readers)

ABSTRACT

PROBLEM TO BE SOLVED: To easily reserve the recording of desired program and to find out a program wished for reproduction by processing **television** program information through a storage medium or a network and inputting **keywords** such as the names of the characters.

SOLUTION: An instruction to a video recording and reproducing device 3 is performed by interactive process on an operating picture indicated on a display 1 through the operation of remote controller 10 to an infrared light-receiving part 9. According to a recording and reproducing program 190 stored in a memory 12, a CPU 13 controls all the actions of this device 3. With the name of the character or the like as the **keyword**, a recorded program-retrieving means detects the program, including the **keyword** by comparing it through matching in the text code of program information. A video recording means records a program by interpreting the start/end time and G code of the recording-reserved program and at a recording **related** information display means, the **number** of recorded programs is displayed by **keywords** or the title of program, broadcasting station, the data and time of broadcasting and icon images are displayed by recorded programs.

23/5/7 (Item 7 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

05815555 **Image available**
PROGRAM RETRIEVAL DEVICE

PUB. NO.: 10-098655 [JP 10098655 A]
PUBLISHED: April 14, 1998 (19980414)
INVENTOR(s): KUROMUSHIYA KENICHI
IKEUCHI HIROSHI
KARASHI IKUO
APPLICANT(s): SHARP CORP [000504] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 08-252119 [JP 96252119]
FILED: September 25, 1996 (19960925)
INTL CLASS: [6] H04N-005/44; G11B-015/02; H04N-005/445
JAPIO CLASS: 44.6 (COMMUNICATION -- **Television**); 42.5 (ELECTRONICS --
Equipment); 44.2 (COMMUNICATION -- Transmission Systems
JAPIO KEYWORD: R101 (APPLIED ELECTRONICS -- Video Tape Recorders, VTR); R107
(INFORMATION PROCESSING -- OCR & OMR Optical Readers)

ABSTRACT

PROBLEM TO BE SOLVED: To provide a program retrieval device with a small calculation amount for the retrieval by which programs such as TV, CTV, teletext and radio programs are retrieved and reservation of programs are made simply and the retrieval is conducted even when a retrieval keyword is not completely accurate.

SOLUTION: The device is provided with a database 2 in which program data such as program date and time, channel, program name, contents of program and performers are stored. A word relating to a desired program is entered by an entry means 1, a word dictionary 4 having a characteristic vector of each word is referenced, a characteristic vector corresponding to a question text from the entry means 1 is generated by a vector generating means 5, a retrieval means 6 calculates a distance between the characteristic vector corresponding to the program data in the database with the generated characteristic vector so as to retrieve the desired program.

23/5/9 (Item 9 from file: 347)
DIALOG(R)File 347:JAPIO
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05249543 **Image available**
TELEVISION RECEIVER WITH VIDEO MONITOR FUNCTION

PUB. NO.: 08-205043 [JP 8205043 A]
PUBLISHED: August 09, 1996 (19960809)
INVENTOR(s): MIYAMOTO NOBUO
KIMURA YOSHIMASA
SAWAKI MINAKO
APPLICANT(s): NIPPON TELEGR & TELEPH CORP <NTT> [000422] (A Japanese
Company or Corporation), JP (Japan)
APPL. NO.: 07-010241 [JP 9510241]
FILED: January 26, 1995 (19950126)
INTL CLASS: [6] H04N-005/445
JAPIO CLASS: 44.6 (COMMUNICATION -- **Television**)

ABSTRACT

PURPOSE: To realize the efficient utilization of time and saved labor of a viewer through the offer of the **television** receiver having a function of reporting the desired video information to the viewer when it appears on a screen.

CONSTITUTION: A viewer registers a **keyword** a **keyword related** to desired video information by using a **keyword** entry section 9 in advance. A **television** video signal is recorded in an image memory 5 and a part with the same color and density of the image of a prescribed **number** of frames is segmented one by one character as a character pattern. The character pattern is converted into a character code string by a character recognition section 7 and collated with a registered **keyword** by a **keyword** collation section 8. As a result of the collation, when the registered **keyword** is included in the character code string, a beep tone generating section 11 generates a beep tone to report the fact to the viewer. Thus, it is not required for the viewer to always view programs and to allow the viewer to engage with other job. Thus, the time is used efficiently and the labor is saved.

23/5/10 (Item 10 from File: 347)
DIALOG(R)File 347:JAPIO
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04948281 **Image available**

TELEVISION RECEIVER WITH BUILT-IN INFORMATION RETRIEVAL REPRODUCING
DEVICE

PUB. NO.: 07-240881 [JP 7240881 A]
PUBLISHED: September 12, 1995 (19950912)
INVENTOR(s): SAITO ISAO
HAMAGUCHI MASAKAZU
TAKAHASHI HIROAKI
TAKEUCHI TAKASHI
ODA TOSHIYUKI

APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP
(Japan)

APPL. NO.: 06-029994 [JP 9429994]

FILED: February 28, 1994 (19940228)

INTL CLASS: [6] H04N-005/44; H04N-005/85

JAPIO CLASS: 44.6 (COMMUNICATION -- **Television**); 42.5 (ELECTRONICS --
Equipment

JAPIO KEYWORD: R101 (APPLIED ELECTRONICS -- Video Tape Recorders, VTR); R102
(APPLIED ELECTRONICS -- Video Disk Recorders, VDR)

ABSTRACT

PURPOSE: To retrieve program information of a **television** broadcast
program desired by the user from an optical disk recorded from the program
information and to reproduce and display the retrieved program.

CONSTITUTION: Broadcast information comprising program names, **channel**
names, and broadcast dates and retrieval information **relating** to a
program content are recorded on an optical disk medium 106 as program
information of a **television** broadcast program. When an instruction
keyword entry means 110 commands program retrieval, a program information
retrieval pattern is displayed on a display screen of a **television**
reception display device 102, and when a **channel number** and a
broadcast date or the like are designated on the program information
retrieval screen, the broadcast information is retrieved and a program
genre selection menu is displayed. When a desired genre is designated, the
designated **channel number**, the broadcast date, and a program list
suitable for the genre are displayed on a retrieval result display menu.
When a prescribed program is designated, a program information display menu
representing the content of the **television** broadcast program is
displayed.

23/5/14 (Item 2 from File: 350)
DIALOG(R) File 350: Derwent WPIX
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011962492 **Image available**
WPI Acc No: 1998-379402/199833
XRPX Acc No: N98-296700

Electronic programming guide which operates on computing platform
associated with television - uses platform to access program listing
database containing information for different television programs, and
includes database containing viewer profiles and suggest module which
generates preferred schedule using viewer profile

Patent Assignee: TEXAS INSTR INC (TEXI)
Inventor: KILLIAN R T; KILLIA R T
Number of Countries: 029 Number of Patents: 006
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 854645	A2	19980722	EP 98300018	A	19980105	199833 B
JP 10207914	A	19980807	JP 9831914	A	19980105	199842
SG 67469	A1	19990921	SG 9810	A	19980102	199945
KR 98070327	A	19981026	KR 9828	A	19980103	199952
US 6163316	A	20001219	US 9734480	A	19970103	200102
			US 97943661	A	19971003	
TW 435046	A	20010516	TW 97120112	A	19980213	200170

Priority Applications (No Type Date): US 9734480 P 19970103; US 97943661 A 19971003

Cited Patents: No-SR.Pub

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 854645	A2	E	18	H04N-005/445	
Designated States (Regional): AL AT BE CH DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI					
JP 10207914	A		18	G06F-017/30	
SG 67469	A1			H04N-005/445	
KR 98070327	A			H04N-005/765	
US 6163316	A			H04N-007/10	Provisional application US 9734480
TW 435046	A			G06F-017/30	

Abstract (Basic): EP 854645 A

The electronic programming guide for computing platform associated with a **television**, the platform operable to access a program listing database containing program listing information for a plurality of **television** programs, has a profile database for storing a viewer profile. A suggest module is coupled to the profile database for accessing the viewer profile and the program listing information and, in response, generates a preferred schedule according to the viewer profile and the program listing information. The preferred schedule is indicative of the desirability of a particular program **relative** to other programs.

A profile module receives viewer preference information and, in response, generates the viewer profile. The profile module is operable to provide a preference template to the viewer for receiving the viewer preference information. The viewer profile includes a ranking corresponding to an option selected from the group consisting of a genre option, an actor option, a sports team option, and a **keyword** option.

ADVANTAGE - Generates profiles for different viewers and likely schedule to appeal to each. Allows viewer to tune to more preferable programming at any time during viewing session. Viewer need not block entire **channel** to restrict viewing of undesirable programs to certain user such as child.

Dwg.3/7

Title Terms: ELECTRONIC; PROGRAM; GUIDE; OPERATE; COMPUTATION; PLATFORM;
ASSOCIATE ; **TELEVISION** ; PLATFORM; ACCESS; PROGRAM; LIST; DATABASE;
CONTAIN; INFORMATION; **TELEVISION** ; PROGRAM; DATABASE; CONTAIN; VIEW;
PROFILE; MODULE; GENERATE; PREFER; SCHEDULE; VIEW; PROFILE

Derwent Class: T01; W01; W03; W04

International Patent Class (Main): G06F-017/30; H04N-005/445; H04N-005/765;

Set	Items	Description
S1	373487	TELEVIS? OR TV OR CATV OR TELECAST? OR (VIDEO? OR MULTIMEDIA?) (N) (PROGRAM? OR BROADCAST? OR RECEIVER?) OR SET() TOP() BOX?
S2	2118088	ASSIGN? OR LINK? OR REASSIGN? OR RELAT? OR ASSOCIAT?
S3	557961	SUBJECT? OR KEYWORD? OR KEYTERM? OR KEYPHRASE? OR KEY() (WORD? OR TERM? OR PHRASE?)
S4	1969262	CHANNEL? OR NUMBER? OR REMOTE() CONTROL() (KEY OR KEYS OR KEYPAD? OR BUTTON?)
S5	292	S1 AND S2 AND S3 AND S4
S6	3601	S2(2N) S3
S7	2656	S3(3N) S4
S8	39	S5 AND (S6 OR S7)
S9	10	S8 AND IC=(G06F? OR H04L?)
S10	10	IDPAT (sorted in duplicate/non-duplicate order)
S11	9	IDPAT (primary/non-duplicate records only)
S12	43301	S4(2N) (RENUMBER? OR REASSIGN? OR SWITCH? OR MODIFY? OR CHANGE? OR ALTER?)
S13	775	S3 AND S12
S14	65	S13 AND (S1 OR BROADCAST?)
S15	65	S14 NOT S9
S16	5	S15 AND IC=(G06F? OR H04L?)
S17	60	S15 NOT S16
S18	57	S17 NOT AD>20000531
S19	8594	S1(5N) S4
S20	9	S18 AND S19
S21	28	S1 AND S2 AND S4 AND (KEYWORD? OR KEYTERM? OR KEY() (WORD? - OR TERM?) OR SUBJECT(N) (INDEX? OR ACCESS?))
S22	22	S21 NOT (S20 OR S16 OR S11)
S23	17	S22 NOT AD>20000531
S24	27	S8 AND IC=H04N?
S25	15	S24 NOT (S23 OR S20 OR S16 OR S11)
S26	1	S25 AND (KEYWORD? OR KEYTERM? OR KEY() (WORD? OR TERM? OR PHRASE?) OR SUBJECT(N) (INDEX? OR ACCESS?) OR KEYPHRASE?)
S27	14	S25 NOT AD>20000531
S28	15	S27 OR S26
S29	15	IDPAT (sorted in duplicate/non-duplicate order)
S30	15	IDPAT (primary/non-duplicate records only)

File 347: JAPIO Nov 1976-2004/Jan(Updated 040506)
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File 350: Derwent WPIX 1963-2004/UD,UM &UP=200435
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30/5/2 (Item 2 from file 350)
 DIALOG(R)File 350:Derwent WPIX
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012228476 **Image available**
 WPI Acc No: 1999-034583/199903
 Related WPI Acc No: 1995-242211; 1999-034582
 XRPX Acc No: N99-025926

Television system for receiving several digitally encoded television programs - creates control signal and selects virtual channel in response to entered data, each channel is subject to re-assignment to different data transmission channel, schedule data defines each program relationship to transmission channels

Patent Assignee: THOMSON CONSUMER ELECTRONICS INC (THOH); THOMSON CONSUMER ELECTRONICS SA (THOH)

Inventor: BEYERS B W; BRIDGEWATER K E; CHANEY J W; DEISS M S; HAILEY J E; HORTON R S; JOHNSON M W

Number of Countries: 061 Number of Patents: 021

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9519092	A1	19950713	WO 95US109	A	19950104	199903 B
KR 97700420	A	19970108	WO 95US109	A	19950104	199801
			KR 96703624	A	19960705	
EP 838958	A1	19980429	EP 95907980	A	19950104	199821
			EP 98200055	A	19950104	
AU 680340	B	19970724	AU 9515981	A	19950104	199904
AU 9515981	A	19950801	AU 9515981	A	19950104	199904
BR 9506447	A	19970902	BR 956447	A	19950104	199904
			WO 95US109	A	19950104	
EP 738450	A1	19961023	EP 95907980	A	19950104	199904
			WO 95US109	A	19950104	
FI 9602756	A	19960730	WO 95US109	A	19950104	199904
			FI 962756	A	19960704	
JP 9507361	W	19970722	JP 95518590	A	19950104	199904
			WO 95US109	A	19950104	
US 5642153	A	19970624	US 94363235	A	19941223	199904
EP 738450	B1	19990324	EP 95907980	A	19950104	199916
			WO 95US109	A	19950104	
			EP 98200055	A	19950104	
DE 69508553	E	19990429	DE 608553	A	19950104	199923
			EP 95907980	A	19950104	
			WO 95US109	A	19950104	
MX 9602661	A1	19980601	MX 962661	A	19960705	200009
RU 2146855	C1	20000320	WO 95US109	A	19950104	200051
			RU 96116144	A	19950104	
EP 1126719	A2	20010822	EP 95907980	A	19950104	200230
			EP 98200055	A	19950104	
			EP 2001201068	A	19950104	
EP 1146744	A2	20011017	EP 98200055	A	19950104	200239
			EP 2001201067	A	19950104	
			EP 95907980	A	19951104	
EP 838958	B1	20020717	EP 95907980	A	19950104	200254
			EP 98200055	A	19950104	
			EP 2001201067	A	19950104	
			EP 2001201068	A	19950104	
KR 385033	B	20030522	WO 95US109	A	19950104	200360
			KR 96703624	A	19960705	
			KR 2000700048	A	20000104	
KR 385034	B	20030522	WO 95US109	A	19950104	200360
			KR 96703624	A	19960705	
			KR 2000700046	A	20000104	
KR 385035	B	20030522	WO 95US109	A	19950104	200360
			KR 96703624	A	19960705	
			KR 2000700047	A	20000104	
KR 385032	B	20030821	WO 95US109	A	19950104	200412
			KR 96703624	A	19960705	

Priority Applications (No Type Date): GB 94101 A 19940105

Cited Patents: 04Jnl.Ref; 479432; US 4264925

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 9519092	A1		32	H04N-007/16	
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Designated States (National): AM AT AU BB BG BR BY CA CH CN CZ DE DK EE
ES FI GB GE HU JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NL NO NZ
PL PT RO RU SD SE SI SK TJ TT UA UZ VN

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT KE LU MC
MW NL OA PT SD SE SZ

KR 97700420	A			H04N-007/16	Based on patent WO 9519092
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EP 838958	A1 E	18		H04N-007/58	Div ex application EP 95907980
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Div ex patent EP 738450

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC
NL PT SE

AU 680340	B				
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Previous Publ. patent AU 9515981

Based on patent WO 9519092

AU 9515981	A				
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Based on patent WO 9519092

BR 9506447	A				
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Based on patent WO 9519092

EP 738450	A1 E	13			
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Based on patent WO 9519092

Designated States (Regional): DE GB IE IT SE

FI 9602756	A			H04N-000/00	
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JP 9507361	W	33		H04N-007/20	Based on patent WO 9519092
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US 5642153	A	16		H04N-007/10	
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EP 738450	B1 E				
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Related to application EP 98200055

Related to patent EP 838958

Based on patent WO 9519092

Designated States (Regional): DE GB IE IT SE

DE 69508553	E				
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Based on patent EP 738450

Based on patent WO 9519092

MX 9602661	A1			H04N-007/16	
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RU 2146855	C1			H04N-007/16	Based on patent WO 9519092
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EP 1126719	A2 E	16		H04N-007/24	Div ex application EP 95907980
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Div ex application EP 98200055

Div ex patent EP 738450

Div ex patent EP 838958

Designated States (Regional): DE GB IT

EP 1146744	A2 E			H04N-007/24	Div ex application EP 98200055
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Div ex application EP 95907980

Div ex patent EP 738450

Div ex patent EP 838958

Designated States (Regional): DE GB IE IT SE

EP 838958	B1 E			H04N-007/58	Div ex application EP 95907980
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Related to application EP 2001201067

Related to application EP 2001201068

Related to patent EP 1126719

Related to patent EP 1146744

Div ex patent EP 738450

Designated States (Regional): DE GB IE IT SE

KR 385033	B			H04N-007/16	Div ex application KR 96703624
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Based on patent WO 9519092

KR 385034	B			H04N-007/16	Div ex application KR 96703624
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Based on patent WO 9519092

KR 385035	B			H04N-007/16	Div ex application KR 96703624
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Based on patent WO 9519092

KR 385032	B			H04N-007/16	Previous Publ. patent KR 97000420
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Based on patent WO 9519092

Abstract (Basic): WO 9519092 A

The method for transmitting program information involves forming a master guide containing programme information for a period of less than twelve hours of current programming information. A special guide is also formed which contains programme information for a period equal to or greater than twenty-four hours, typically covering thirty days.

The master guide is multiplexed with programme signals on multiple transmission channels. The special guide is multiplexed on one channel only, in addition to the master guide and the programme signal. Pref., the special guide is formed in a number of segments which are applied to a single channel.

USE/ADVANTAGE - Satellite TV system. Allows master guide to be readily available on any channel to which receiver is tuned. Transmission of special guide on one channel minimises use of system bandwidth.

Dwg. 3/8

Title Terms: TELEVISION ; SYSTEM; RECEIVE; DIGITAL; ENCODE; TELEVISION ; PROGRAM; CONTROL; SIGNAL; SELECT; VIRTUAL; CHANNEL ; RESPOND; ENTER; DATA; CHANNEL ; SUBJECT ; ASSIGN ; DATA; TRANSMISSION; CHANNEL ; SCHEDULE; DATA; DEFINE; PROGRAM; RELATED ; TRANSMISSION; CHANNEL

Derwent Class: W02; W03

International Patent Class (Main): H04N-000/00 ; H04N-007/10 ; H04N-007/16 ; H04N-007/20 ; H04N-007/24 ; H04N-007/58

International Patent Class (Additional): H04N-007/08 ; H04N-007/081 ; H04N-007/173

File Segment: EPI

30/5/3 (Item 3 from f: 350)
DIALOG(R)File 350:Derwent WPIX
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011996466 **Image available**

WPI Acc No: 1998-413376/199835

Related WPI Acc No: 1996-497944; 1997-051367; 1997-052734; 1998-077503;
2002-470876; 2002-487916; 2002-535664; 2002-626458; 2003-137918;
2003-660190; 2003-688089; 2003-696233; 2003-696234; 2003-696235

XRFX Acc No: N98-321742

Electronic programming guide for television systems - has processor to control video display generator with user control commands to display program schedules in overlaying relationships

Patent Assignee: ALTEN J (ALTE-I); DAVIS B (DAVI-I); MORRIS M (MORR-I);
YOU MAN R (YOUM-I)

Inventor: ALTEN J; DAVIS B; MORRIS M; YOU MAN R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5781246	A	19980714	US 93119367	A	19930909	199835 B
			US 94247101	A	19940520	

Priority Applications (No Type Date): US 94247101 A 19940520; US 93119367 A 19930909

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5781246	A		76	H04N-005/50	CIP of application US 93119367 CIP of patent US 5585866

Abstract (Basic): US 5781246 A

The guide is for use with a receiver for displaying programs on a **number** of user-selectable **channels**. A user controller issues control commands, including **channel** -control commands. A data processor receives the control commands and generates video control commands.

A video display generator receives video control commands from the processor for generating and displaying a location menu on the receiver. The location menu identifies a program source or **subject** matter category **associated** with each **channel**. A virtual **channel** is accessible in the tuning sequence of the **number** of **channels** and the data processor causes the location menu to be displayed in response to a user control command to tune to the virtual **channel**.

ADVANTAGE - Allows user to view different **channels** schedules on different portions of the screen.

Dwg. 43a/43

Title Terms: ELECTRONIC; PROGRAM; GUIDE; **TELEVISION**; SYSTEM; PROCESSOR; CONTROL; VIDEO; DISPLAY; GENERATOR; USER; CONTROL; COMMAND; DISPLAY; PROGRAM; SCHEDULE; OVERLAY; **RELATED**

Derwent Class: W03

International Patent Class (Main): H04N-005/50

International Patent Class (Additional): H04N-005/445

File Segment: EPI

30/5/4 (Item 4 from f: 350)
DIALOG(R)File 350:Derwent WPIX
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010803974 **Image available**

WPI Acc No: 1996-300927/199630

XRPX Acc No: N96-253140

Channel scanning method using subject searching or 'surfing' method
e.g. for TV receiver - using remote controller having number of theme
keys and appts. for storing entered channel indicators corresp. to each
theme or subject, and transmitting indicator signal to control channel
selector

Patent Assignee: GEMSTAR DEV CORP (GEMS-N)

Inventor: LEUNG E Y; YUEN H C

Number of Countries: 067 Number of Patents: 011

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9619074	A1	19960620	WO 95US16090	A	19951213	199630 B
AU 9646846	A	19960703	AU 9646846	A	19951213	199642
US 5673089	A	19970930	US 94354946	A	19941213	199745
			US 96679652	A	19960711	
EP 801865	A1	19971022	EP 95944478	A	19951213	199747
			WO 95US16090	A	19951213	
JP 10510691	W	19981013	WO 95US16090	A	19951213	199851
			JP 96519209	A	19951213	
JP 3157167	B2	20010416	WO 95US16090	A	19951213	200124
			JP 96519209	A	19951213	
JP 2001197396	A	20010719	JP 96519209	A	19951213	200145
			JP 2000349069	A	19951213	
CN 1175337	A	19980304	CN 95197620	A	19951213	200208
EP 801865	B1	20020807	EP 95944478	A	19951213	200259
			WO 95US16090	A	19951213	
DE 69527724	E	20020912	DE 627724	A	19951213	200268
			EP 95944478	A	19951213	
			WO 95US16090	A	19951213	
ES 2181811	T3	20030301	EP 95944478	A	19951213	200322

Priority Applications (No Type Date): US 94354946 A 19941213; US 96679652 A 19960711

Cited Patents: JP 4044475; US 5182646; US 5251034

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9619074	A1	E	23	H04N-005/445	
Designated States (National): AL AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TT UA UG US UZ VN					
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG					
AU 9646846	A			H04N-005/445	Based on patent WO 9619074
US 5673089	A		14	H04N-005/445	Cont of application US 94354946
EP 801865	A1	E		H04N-005/445	Based on patent WO 9619074
Designated States (Regional): BE DE DK ES FR GB IT NL					
JP 10510691	W		39	H04N-005/44	Based on patent WO 9619074
JP 3157167	B2		15	H04N-005/00	Previous Publ. patent JP 10510691
Based on patent WO 9619074					
JP 2001197396	A		15	H04N-005/45	Div ex application JP 96519209
CN 1175337	A			H04N-005/445	
EP 801865	B1	E		H04N-005/445	Based on patent WO 9619074
Designated States (Regional): BE DE DK ES FR GB IT NL					
DE 69527724	E			H04N-005/445	Based on patent EP 801865
Based on patent WO 9619074					
ES 2181811	T3			H04N-005/445	Based on patent EP 801865

Abstract (Basic): WO 9619074 A

The method for searching for a spectrum of television channels involves storing in a memory two groups of channels for tuning of a television receiver. In the background of a television screen the program being broadcast is displayed.

A selected one of group of **channels** is retrieved from the memory, and in a picture-in-picture window of the screen the programs being broadcast are sequentially displayed. The different **channel** groups **relate** to different **subject** or program types.

ADVANTAGE - Allows user quick access to desired program type without having to scan **channels** individually.

Dwg.1/6

Title Terms: **CHANNEL** ; SCAN; METHOD; **SUBJECT** ; SEARCH; SURF; METHOD;
TELEVISION ; RECEIVE; REMOTE; CONTROL; **NUMBER** ; THEME; KEY; APPARATUS;
STORAGE; ENTER; **CHANNEL** ; INDICATE; CORRESPOND; THEME; **SUBJECT** ;
TRANSMIT; INDICATE; SIGNAL; CONTROL; **CHANNEL** ; SELECT

Derwent Class: W03

International Patent Class (Main): H04N-005/00 ; H04N-005/44 ;

H04N-005/445

International Patent Class (Additional): H04N-005/45 ; H04N-005/50

File Segment: EPI



Creation date: 09-20-2004
Indexing Officer: AASHTON - ANDREA ASHTON
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Dossier: 09871061

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No.	Doccode	Number of pages
1	SRNT	3
2	SRNT	22

Total number of pages: 25

Remarks:

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